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23632 7590 12/06/2007 SHELL OIL COMPANY P O BOX 2463 HOUSTON, TX 772522463				
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Please find below and/or attached an Office communication concerning this application or proceeding.

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10797223	3/10/2004	ADAMS, NICHOLAS JAMES	TSS581 (US)

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ART UNIT	PAPER
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Chen et al (Molecular Transport and Reaction in Zeolites, Table 2.1, page 11, John Wiley and Sons, 1994) is attached.


Glenn Cardavil
Supervisory Patent Examiner
Technology Center 170C

ZEOLITE PHYSICAL AND CHEMICAL CHARACTERISTICS

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Table 2.1 Available Zeolite Structures

IUPAC Code ^a	Zeolite	Channel Size ^b	Comment
-CLO	Cloverite	20' and 8'	Not connected
VFI	VFI-5	18'	
AET	AIPO ₄ -8	14'	
AFI	AIPO ₄ -5	12'	
AFR	SAPO-40	12' and 8'	Interconnected
AFS	MAPSO-46	12' and 8"	Interconnected
AFY	CoAPO-50	12' and 8"	Interconnected
ATO	AIPO ₄ -31	12'	
ATS	MAPO-36	12'	
'BEA'	Beta	12'	
BOG	Boggsite	12' and 10'	Interconnected
BPH	Beryllophosphate-H	12' and 8"	Interconnected
CAN	Cancrinite	12'	
EMT	EMC-2	12'	
FAU	Faujasite	12"	
GME	Gmelinite	12' and 8"	Interconnected
LTL	Linde Type L	12'	
MAZ	Mazzite	12' and 8'	Not connected
MEI	ZSM-18	12' and 7"	Interconnected
MOR	Mordenite	12' and 8'	Interconnected
MTW	ZSM-12	12'	
OFF	Offretite	12' and 8"	Interconnected
ROG	Roggianite	12'	
AEL	AIPO ₄ -11	10'	
AFO	AIPO ₄ -41	10'	
DAC	Dachiardite	10' and 8'	Interconnected
EPI	Epistilbite	10' and 8'	Interconnected
EUO	EU-1	10'	With large side pockets
FER	Ferrierite	10' and 8'	Interconnected
HEU	Heulandite	10' and 8"	Interconnected
LAU	Laumontite	10'	
MEL	ZSM-11	10'	
MFI	ZSM-5	10'	
MFS	ZSM-57	10' and 8'	Interconnected
MTT	ZSM-23	10'	
NES	NU-87	10"	
PAR	Partheite	10'	
STI	Stilbite	10' and 8'	Interconnected
TON	Theta-1	10'	
'WEN'	Wenkite	10" and 8'	Interconnected
-CHI	Chiavennite	9'	
LOV	Lovdarsite	9' and 8'	Interconnected
ABW	Li-A	8'	(Barner and White)
AEI	AIPO ₄ -18	8'	
AFT	AIPO ₄ -52	8'	
APC	AIPO ₄ -C	8"	
APD	AIPO ₄ -D	8"	
ATN	MAPO-39	8'	
ATT	AIPO ₄ -12-TAMU	8"	

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